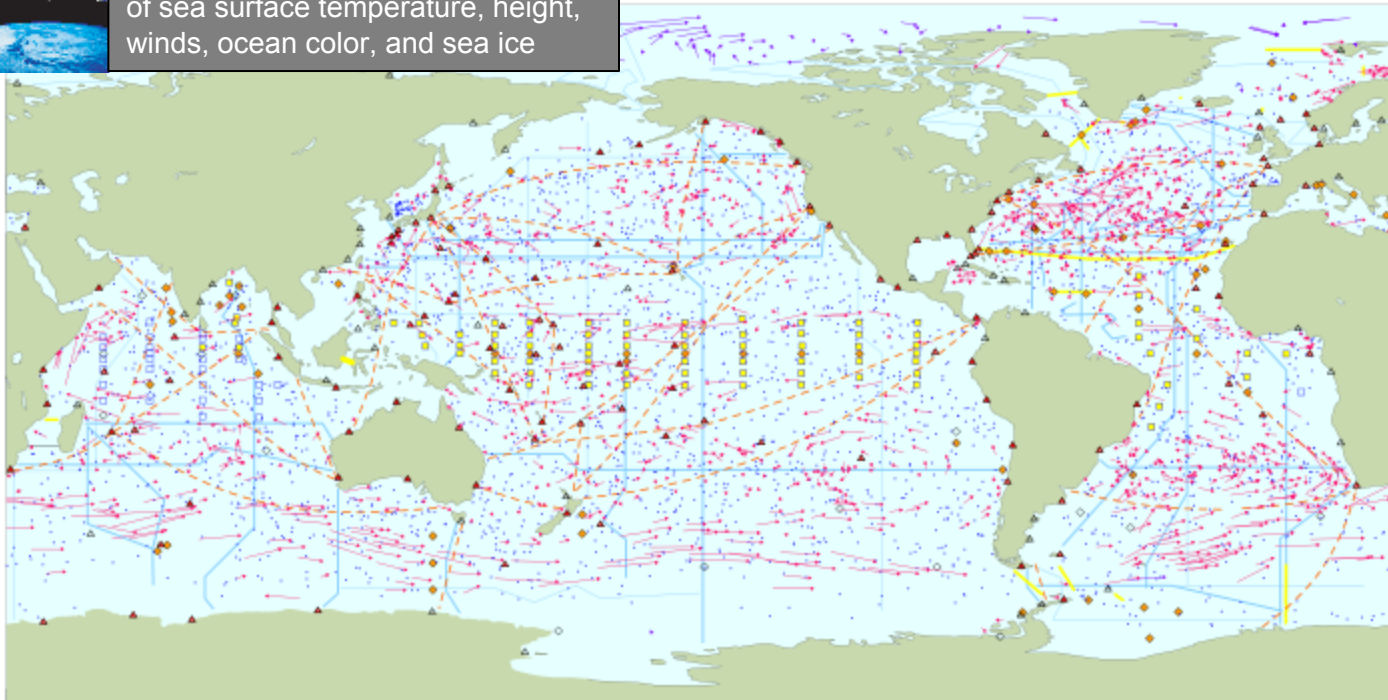


Total in situ networks

67%

Dec 2014

continuous satellite measurements of sea surface temperature, height, winds, ocean color, and sea ice



100% **Surface measurements** from volunteer ships (VOS)

250 ships in VOSclim pilot project



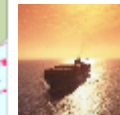
100% **Global drifting surface buoy array**

5° resolution array: 1250 floats  
→ ice buoys



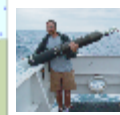
40% **Tide gauge network** (GLOSS committed)

Fast data Slow/no data GPS • 300 real-time reporting gauges



39% **XBT sub-surface temperature section network**

37000 XBTs deployed



100% **Argo profiling float network**

3° resolution array: 3200 floats



62% **Repeat hydrography and carbon inventory**

(Planned)

Full ocean survey in 10 years



66% **Global time series network**

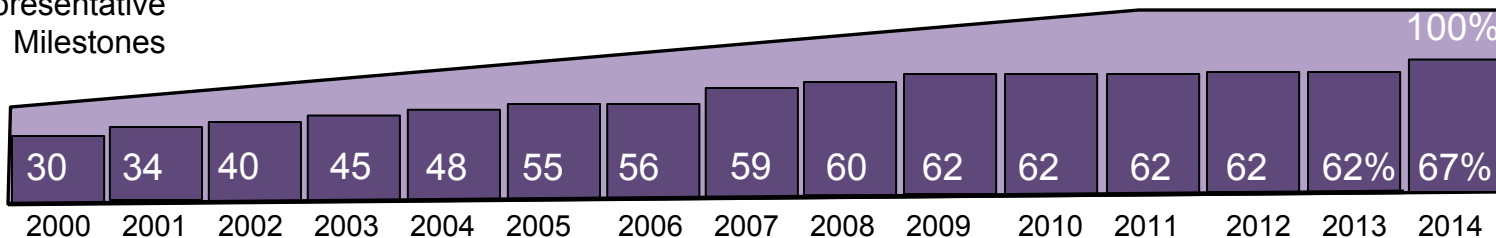
87 combined sites



76% **Global tropical moored buoy network**

125 moorings planned

Representative Milestones



Original goal for full implementation by 2010

System % sustained, of initial goals